

FIG. 1

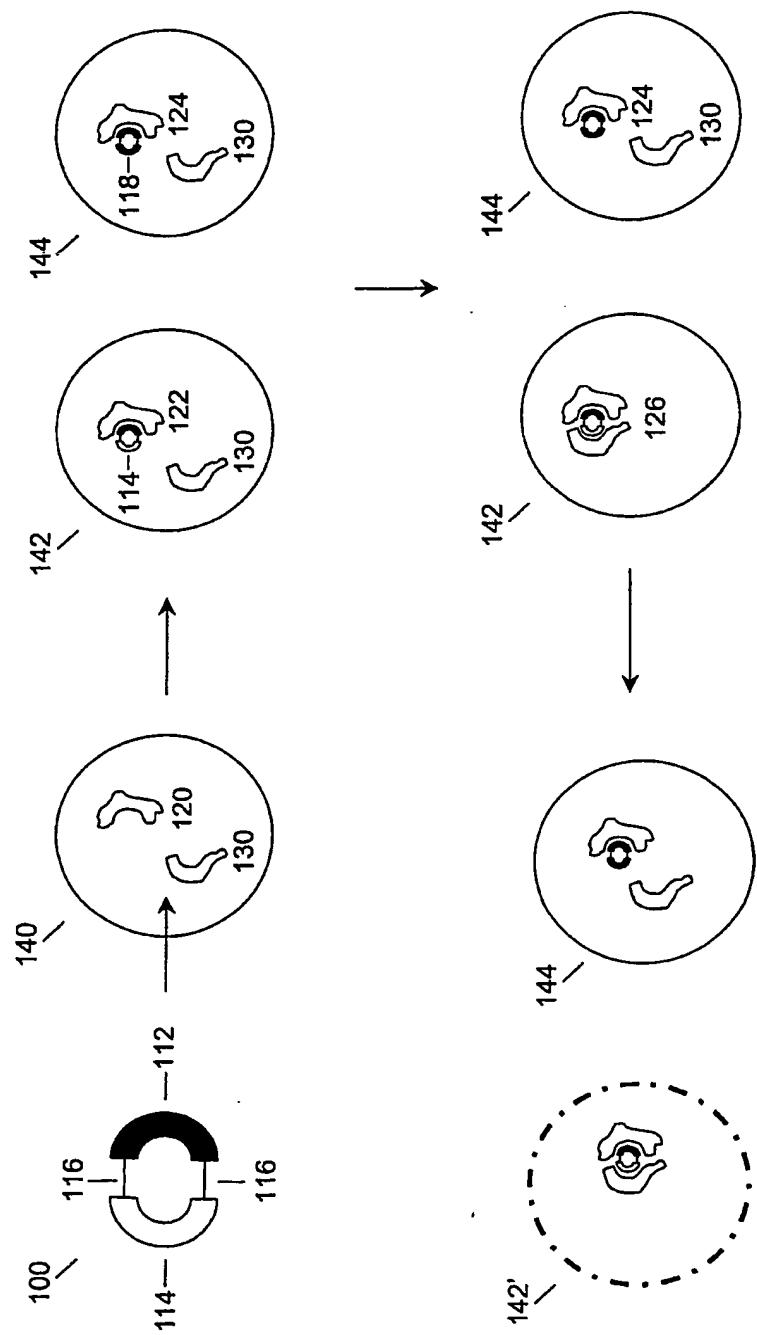


FIG. 2

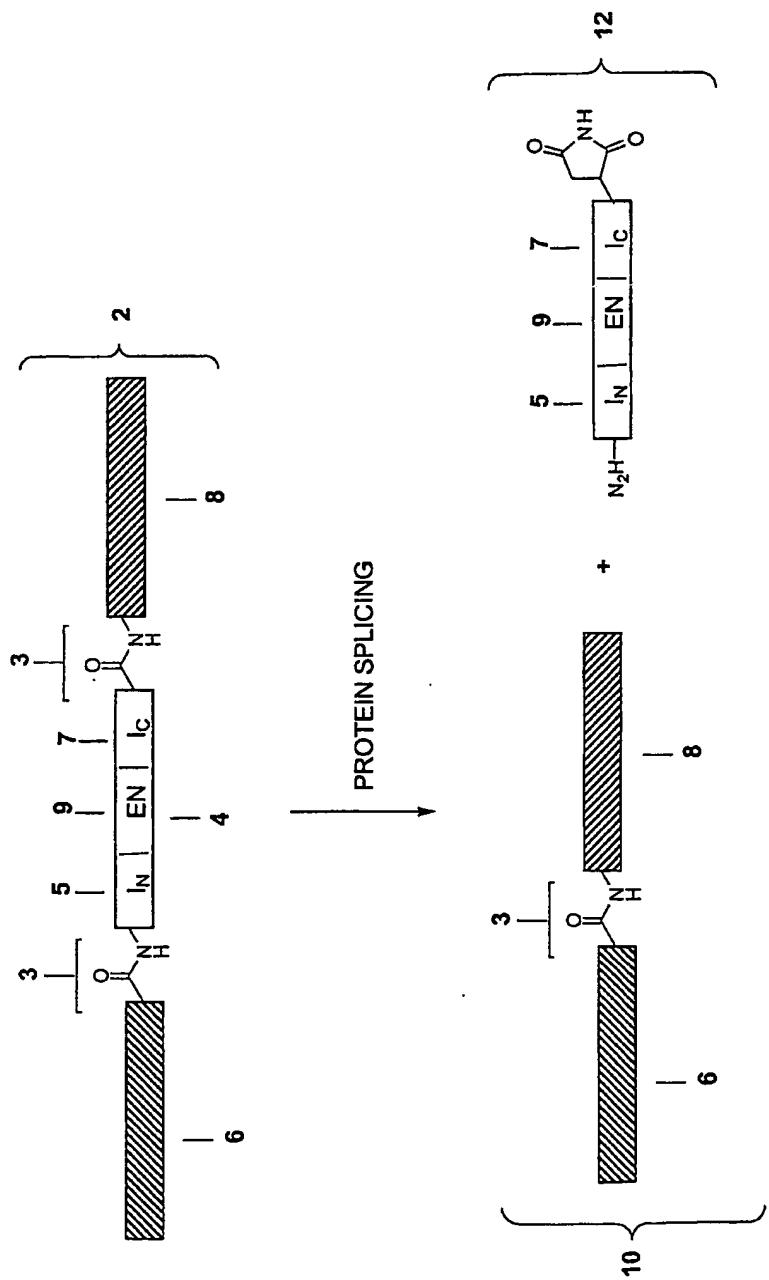


FIG. 3

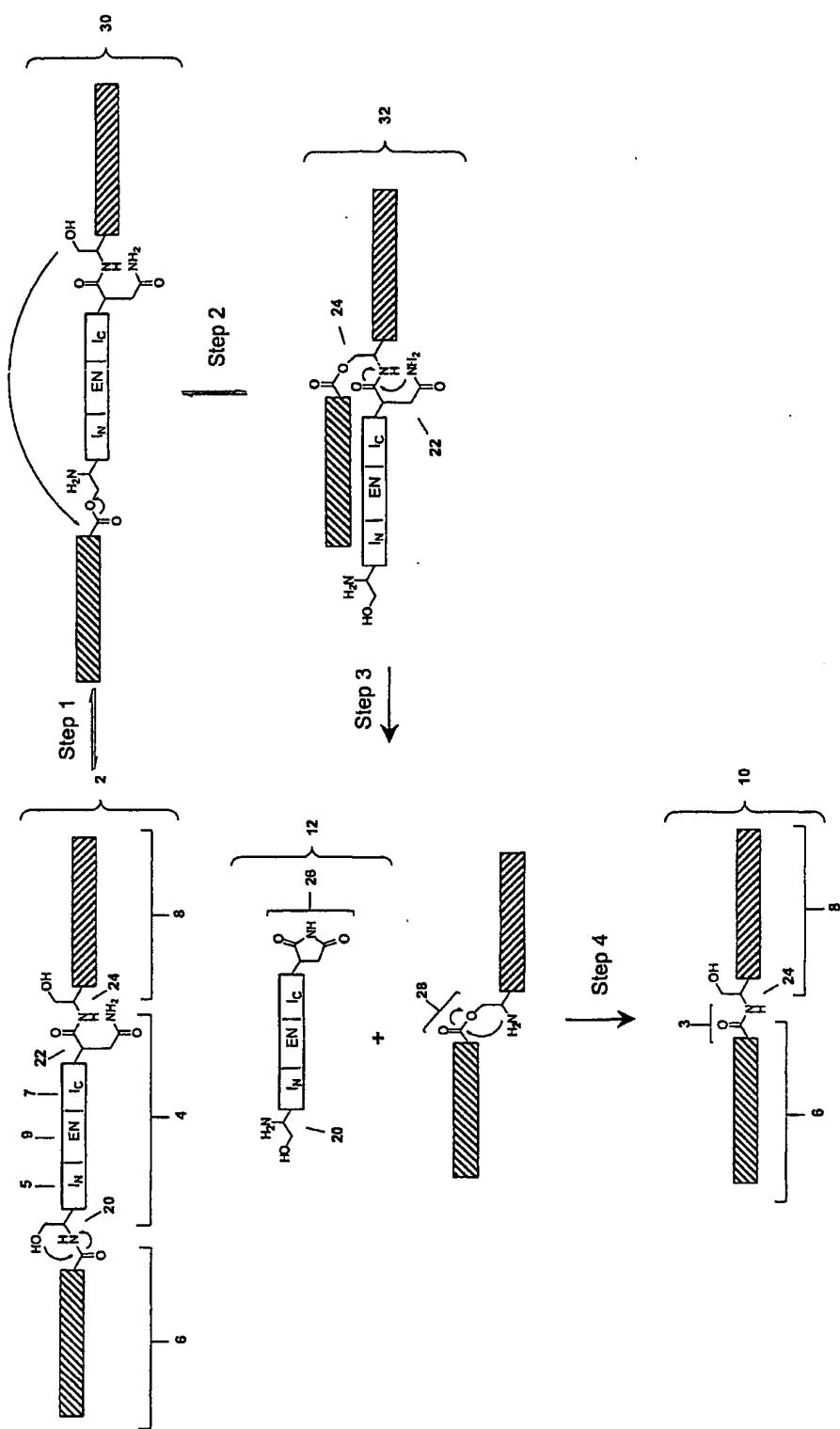


FIG. 4

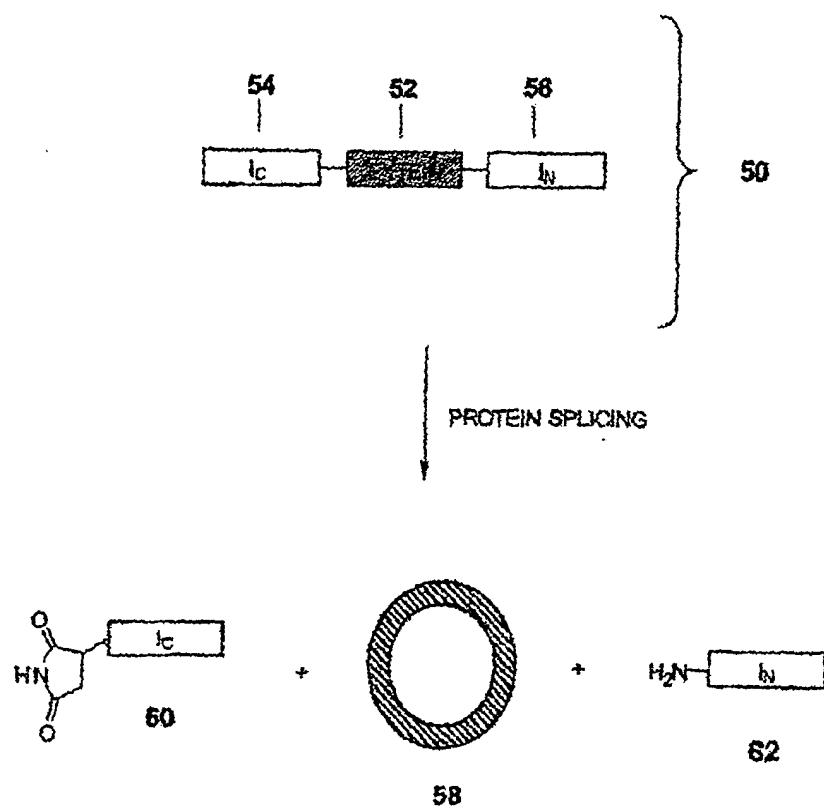


FIG. 5

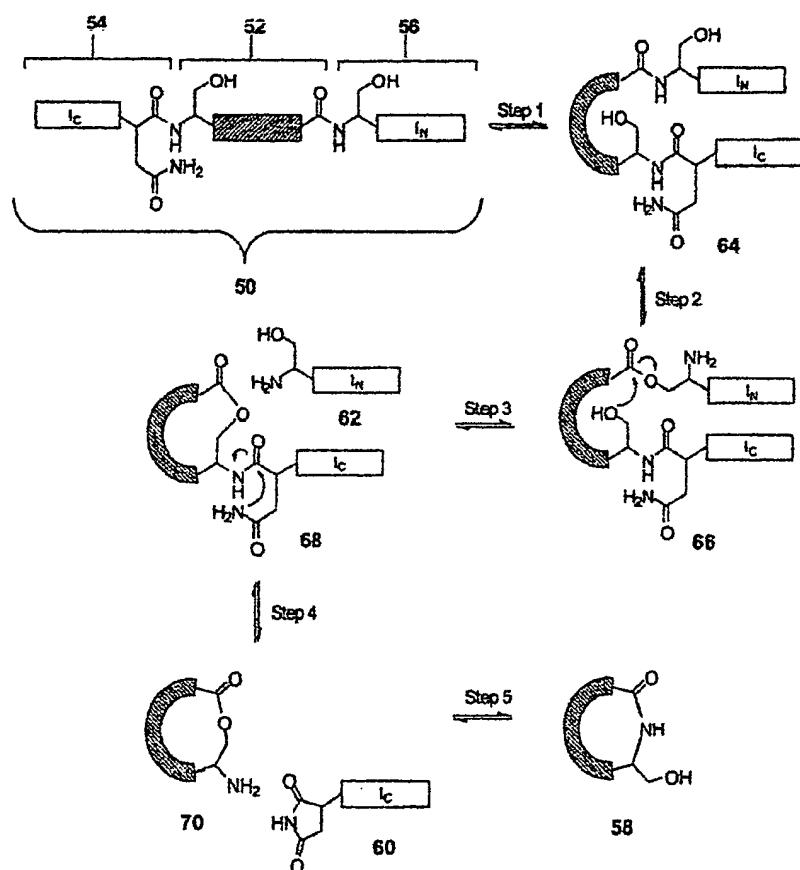


FIG. 6

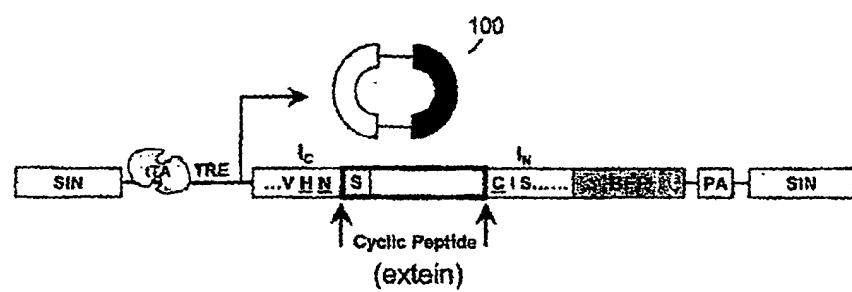


FIG. 7

1 ATGGAGAGG GCAGCCCCGAG GATCGAGAGAG CTAGTCTAGA GCGGACATCTA CTGGGACAGGC
 61 M E S G S P E I E K L S Q S D I Y W D S
 61 ATCGTGGAGA TCACGGAGAC CGCGTGTGAG GAGGTGTTG ACCTGACCGT GCGCGCCCG
 121 H N F V A N D I I V H N S
 121 H N F V A N D I I V H N S
 161 GGGCAGAGCC TGATGAGCTT GGCAGAGCC GCGAAGAGG TGAGGATCAA GGACCTGCTG
 161 G D S L I S L A S T G K R V S I K D L L
 241 GAGCGAGG ACTTCGAGAT CTGGGCGAT AAGGAGAGA CCATGAGCT AGAGAGGCC
 241 D E K D F E I W A I N E Q T M K L E S A
 361 AGGTGAGCA GGGTTCTG CACCGCGAG AACCTAGTGT ACATCTTAAG AACCAAGGTA
 361 K V S R V F C T G K K L V Y I L R T R L
 361 GCGAGGACCA TCAAGGCCAC CGCCACCCAC AGGTCTCTAA CCATGAGGG CTGGAGAGG
 361 G R T I K A T A N H R F L T I D G W K R
 421 CTAGACGAGC TAAGCTTAAAGGACATCA GCGCTACCC GGAAAGCTAGA GAGCAAGC
 421 L D E L S L K E H I A L P R K L E S S S
 491 CTACAGTAG GCCCTCGGGG CGAGATGAT GTGAGCAAGG GCGAGGAGCT GTTCACCGG
 491 L Q L G L R G Q I D V S K G E E L F T G
 541 GTGGTGCCA TCTCTGTTGA GCTGGACGC GAGCTAACCG GCCACAAGT CAGCGTGTCC
 541 V V P I L V E L D G D V N G H K F S V S
 601 GGGGAGGGCG AGGGGGATGC AACCTACGC AACGAGGC AACGAGGATCT GAACTACCC
 601 G E G E G D A T Y G K L T C T T
 661 GCGAAAGCTC CGCTGCCCTG GCGCACCCCTT GTGACCACTCC TGACCCAGG CGTCGAGTC
 661 G K L P V P W P T L V T T L T H G V Q C
 721 TCAAGCCCT ACCCGGACCA CAGTAAAGCAG CAGCACTCT TCAAGTCGC CATGCCGGA
 721 F S R Y P D H M K Q H D F F K S A M P E
 761 GCTACGTC AGGAGGAC CATTCTCT AACGAGGAGG GCAACTAA GACCCGGCC
 761 G Y V Q E R T I F K D D G N Y K T R A
 841 GAGGTGAGT TGAGGGGA CACCCCTG AACCGGATCT AGCTTAAAGG CAGCAGCTC
 841 E V K F E G D T L V N R I E L K G I D F
 901 AAGGAGGAGG GCAAGATCTT CGGACAAAG CTTGAGTACA ACTTCAAGAG CCACAACGTG
 901 K E D G N I L G H K L E Y N F N S H N V
 961 TATATCATGG CGACAAAGG GAAAGACCC ATCAAGGCC ACTTCAAGAT CGGCCACAC
 961 Y I M A D K Q K N G I K A N F K I R H N
 1021 ATCGAGGAGG GATCCGTTGA GCTCCGAC CACTACCGC AGAACACCC AATTTGGCGAC
 1021 I E D G S V Q L A D H Y Q Q N T P I G D
 1081 GGGCCGTC TCTGCGGA CAACCACTAC CTGAGCACCC AGAGGCTCT TTGAAAGAC
 1081 G P V L L P O N H Y L S T Q S A L S K D
 1141 CCCAACAGA AGCGGATCA TATGGTCTG CTGAGTTG TGACCGGC CGGGATCT
 1141 P N E K R D H M V L L E F V T A A G I T
 1201 CTGGCATGG AGGAGCTTA CAAGTAA
 1201 L G M D E L Y K .

I_C = nts #1-156 (red)
 I_N = nts #172-489 (green)
 BFP = nts #511-1227 (blue)
 extein (cyclic peptide) = nts #157-171 (boxed; magenta)